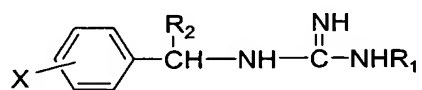


METHODS OF AND COMPOSITIONS FOR PLANT DEFOLIATION

ABSTRACT OF THE DISCLOSURE

A method of defoliating plants includes applying to plants an effective amount of a first active ingredient selected from the group consisting of substituted nitroguanidine and cyanoguanidine compounds of the formula:



wherein R₁ is NO₂ or CN; R₂ is CH₃, C₂ H₅, CF₃, n-C₃ H₇, CH₂ OCH₃ or CH₂CH=CH₂; X is hydrogen, o-F, m-F, p-F, m-OCH₃, m-OH or p-Cl; and the salts, tautomers and optical isomers thereof; an effective amount of a second active ingredient and, optionally, an adjuvant.

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